



CURCUMIN

Curcumin extract, derived from the turmeric plant, has gained significant attention in the scientific community due to its potential health benefits.



Chemical Structure

Curcumin has been extensively studied for its antioxidant, anti-inflammatory, and anticancer properties.

Bioavailability

Researchers have explored various methods to enhance its bioavailability, such as combining it with other compounds like piperine or encapsulating it in lipid-based formulations.

Targeted Effects

It modulates numerous molecular targets within cells, including transcription factors, enzymes, cytokines, and cell survival proteins. This pleiotropic activity contributes to its diverse health-promoting effects.

POSSIBLE BENEFITS

- Anti-Itching
- Anti-Gum Disease
- Antioxidants
- Aids Longevity
- Antidepressant
- Anti-Inflammatory
- Helps with Alzheimer's Disease
- Helps With Irritable Bowel Syndrome
- Helps With Liver Problems

PHYTOCHEMICAL - CURCUMIN

Since the onset of the COVID-19 pandemic, there has been growing interest in strengthening immune systems to effectively defend against this deadly virus. Turmeric, a natural immune-booster contains a bioactive compound known as curcumin, acts as an anti-inflammatory agent, and is commonly used in Indian cuisine. Additionally, turmeric can be consumed as a decoction in Kadha, an Ayurvedic home remedy that incorporates the immune-boosting benefits to fight flu and infections.

Specifications

Botanical/Scientific name Curcuma longa

CAS no. 458-37-7

Description Bright yellow-orange in color

Assay By HPLC 95%

Complies with EU food regulations